

Analytic Methodologist

Req ID: SB_AM_01 - SB_AM_03

Position Title: Analytic Methodologist

Classification Requirement: TS/SCI with CI polygraph

Position Description:

Experts in the application of mathematical techniques for spatio-temporal analysis to solve complex military and intelligence problems in support of national security. Use analytic tools and techniques such as GIS, quantitative methods and data visualization, modeling, systems analysis, comparative analysis, and database development. Provide technical input into the development, evaluation, use, and deployment of solutions and improvements to optimize GEOINT analysis and production. Educate management and analysts in quantitative methods as they apply to GEOINT analysis.

Because we serve on a greater team that serves our country, the Integration and Test Engineer is required to possess an active Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance and successfully complete a counterintelligence (CI) Polygraph.

Required Skills:

Journeyman

- At least 3 years of relevant Analytic Methodologist experience.*
- Formal training in Operations Research and/or demonstrated experience in problem solving and structuring information and data.
- Familiarity with analytic methodologies in support of intelligence production. Familiarity with knowledge of GEOINT operations and sensors, which can be applied to satisfy key intelligence questions.
- Ability to identify and appropriately evaluate a wide range of existing methods, models and algorithms in familiar domains for a variety of mission driven problems; recognizing the capabilities and limitations of methods
- Ability to identify, retrieve, manipulate, relate and/or exploit multiple structured data sets from various sources.
- Knowledge of remote sensing and/or earth science/physical science, or engineering/mathematical disciplines

Senior (in addition to Journeyman requirements)

- At least 10 years of relevant Analytic Methodologist experience.*
- Advanced formal training Operations Research and/or Program Management.
- Demonstrated experience leading team in deconstruction of a problem statement, and developing plan to articulate possible strategies to enable solutions.
- Practical experience demonstrating workflow improvement: tactics, techniques, and procedures
- Ability to facilitate analytic methods review and documentation
- Demonstrated hypothesis generation and testing skills.
- Knowledge of GEOINT sensors and collection parameters.



- Demonstrated strong writing and briefing skills consistent with national-level performance; this includes the skills needed to prepare NGA and/or Intelligence Community reports.

Expert

- At least 20 years of relevant Analytic Methodologist experience.*
- Advanced formal training in Geography, remote sensing and/or earth science/physical science, data science or engineering/mathematical disciplines.
- Demonstrated Intelligence Community experience leading an integrated team of professionals to satisfy intelligence community intelligence question by introducing documented analytic methodologies.
- Knowledge of advanced analytic methodologies, and experience in implementing and executing methodologies to enable customer satisfaction.
- Demonstrated knowledge of intelligence operations and GEOINT phenomenology.
- Data Visualization Experience which may include
 - Matrix Analytics, Network Analytics, Graphing Data
- Demonstrated strong writing and briefing skills consistent with national-level performance; this includes the skills needed to prepare NGA Imagery Intelligence Brief reports.
- Experience automating processing utilizing scripting languages such as R and Python, but not limited to the two examples.

* A bachelor's degree in a field related to the support services may count for up to four years of this experience. A master's degree in a field related to the support services may count for up to two additional years of this experience. A doctorate degree in a field related to the support services may count for up to three years of this experience.

SAGE black is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status or disability status.

Position Locations: Colorado Front Range Area, National Capitol Region, Worldwide

Security Clearance: TS/SCI w/Poly

Business Unit: Intelligence Community

Programs: Confidential

Position Class: Analyst

Position Category: Journeyman to Expert

Virtual: No

Relocation Available: Yes

Work Schedule: Regular and 9/80 available

Full-Time / Part-Time: Full-Time